

P2002J095

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Stuart S. Goldstein et al
U. S. Serial No. 10/690,801
Filed: 22 October 2003
For: Method for Revamping Fixed Bed Catalytic Reformers
Group Art Unit: 1764
Examiner: Prem C. Singh

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

Sir:

The reference cited in the attached PTO Form 1449 is relevant to the examination of this application. This reference was cited by the European Patent Office in a search report on a related (non-counterpart) application in the European Office which was received in this office on 18 July 2006.

US Patent No. 4250019 describes a continuous catalytic reforming unit which deals with the problem of catalyst "pinning" in the radial flow reactors by splitting the hydrogen recycle so as to reduce the vapor phase flow rate in the upper reactors. The patent refers to operation at pressures in the range of 200 psig to 1000 psig. In passing, this patent mentions that the catalyst exiting the final reactor can be "stored until a sufficient quantity is available for a batch type regeneration" (column 6, lines 55-56).

For the Applicants,



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08/03/2006 MBHAS 00000035 051330 10690001
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Approved for use through 07/31/2008. OMB 0851-0031
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Application Number	10/690,801
Filing Date	22 October 2003
First Named Inventor	Stuart S. Goldstein
Art Unit	1764
Examiner Name	Prem C. Singh
Attorney Docket Number	P2002-1095-US2

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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